

image

AF/3724/\$



I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313, ON THE DATE INDICATED BELOW.

SIGNATURE OF PERSON MAILING PAPER

DATE OF SIGNATURE

Mark R. K...
3/29/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of)
Glennis Orloff et al.) Ex.: Boyer Dolinger Ashley
on MULTIPLE MICROBLADE REMOVAL)
DEVICES AND METHODS FOR)
MANUFACTURE) Art Unit: 3724
Serial No.: 09/626,193)
Filed: July 28, 2000) (Docket No. 6579-110)

Hartford, Connecticut, March 29, 2004

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

S I R:

Applicant(s) submits herewith Form PTO/SB/08A identifying patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Under 37 CFR 1.97 (b)

☐ This Information Disclosure Statement is being filed within three months of the filing date of the application, or the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Under 37 CFR 1.97 (c)

☐ This Information Disclosure Statement is being filed *after* three months of the filing date of this national application, or the date of entry into the national stage as set forth in §1.491 in an international application, or after the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

☐ A certification as specified in 37 CFR 1.97(e) is set forth below.

☐ Fee as set forth in 37 CFR 1.17(p) (\$180.00).

Under 37 CFR 1.97(d)

☒ This Information Disclosure Statement is being filed *after* a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Applicant hereby petitions for the consideration of this Information Disclosure Statement, 37 CFR 1.97(d)(ii).

☒ Fee as set forth in 37 CFR 1.17(i) (\$180.00)

CERTIFICATION (37 CFR 1.97(e))

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of the relevant search report is enclosed herewith.

☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Under 37 CFR 1.98(a)(2)(i)

☐ Copies of the U.S. patents identified on the attached PTO/SB/08A form are not being submitted at this time. Should the Examiner require said U.S. patent copies, Applicants respectfully request the Examiner contact Applicants' Representative at the number listed below.

Respectfully submitted,

By _____
Richard R. Michaud
Registration No. 40,088
Attorney for Applicants

McCormick, Paulding & Huber LLP
CityPlace II, 185 Asylum Street
Hartford, Connecticut 06103-3402
(860) 549-5290

Under 37 CFR 1.97 (c)

☐ This Information Disclosure Statement is being filed *after* three months of the filing date of this national application, or the date of entry into the national stage as set forth in §1.491 in an international application, or after the mailing date of the first Office Action on the merits, whichever event occurred last, but *before* the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

☐ A certification as specified in 37 CFR 1.97(e) is set forth below.

☐ Fee as set forth in 37 CFR 1.17(p) (\$180.00).

Under 37 CFR 1.97(d)

☒ This Information Disclosure Statement is being filed *after* a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Applicant hereby petitions for the consideration of this Information Disclosure Statement, 37 CFR 1.97(d)(ii). A certification as specified in 37 CFR 1.97(e) is set forth below.

☒ Fee as set forth in 37 CFR 1.17(i) (\$180.00)

CERTIFICATION (37 CFR 1.97(e))

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of the relevant search report is enclosed herewith.

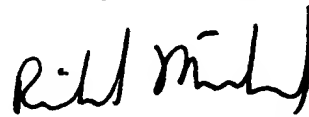
☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Under 37 CFR 1.98(a)(2)(i)

☐ Copies of the U.S. patents identified on the attached PTO/SB/08A form are not being submitted at this time. Should the Examiner require said U.S. patent copies, Applicants respectfully request the Examiner contact Applicants' Representative at the number listed below.

Respectfully submitted,

By



Richard R. Michaud
Registration No. 40,088
Attorney for Applicants

McCormick, Paulding & Huber LLP
CityPlace II, 185 Asylum Street
Hartford, Connecticut 06103-3402
(860) 549-5290



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/626,193
Filing Date	July 28, 2000
First Named Inventor	Glennis Orloff
Art Unit	3724
Examiner Name	Boyer D. Ashley
Attorney Docket Number	6579-110

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,842,387	12-01-1998	Marcus et al.	
		US- 5,750,956	05-12-1998	Barnes et al.	
		US- 5,488,774	02-06-1996	Janowski	
		US- 5,205,040	04-27-1993	Werner	
		US- 5,121,660	06-16-1992	Kramer	
		US- 5,088,195	02-18-1992	Lazarshik et al.	
		US- 4,893,641	01-16-1990	Strickland	
		US- 4,754,548	07-05-1988	Solow	
		US- 3,761,372	09-25-1973	A.S. Sastri	
		US- 2,311,060	02-16-1943	N.M. Lurraïn	
		US- 1,383,783	07-05-1921	Billingsley	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

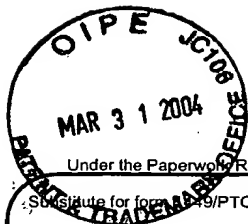
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 1 092 515 A1	04-18-2001	M.H. Newman		
		EP 0 884 142 A1	12-16-1998	Warner-Lambert		
		JP 54-137444	10-25-1979	Hamasawa Kogyo		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08B (04-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/626,193
		Filing Date	July 28, 2000
		First Named Inventor	Glennis Orloff
		Art Unit	3724
		Examiner Name	Boyer D.Ashley
Sheet 2	of 2	Attorney Docket Number	6579-110

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Reduction of Trenching Near Edges in Reactive Ion Etching", Research Disclosure, Kenneth Mason Publications, Hampshire, GB, no. 315, 1 July 1990, page 556, XP000134143.	
		ASMUSSEN J: "Electron Cyclotron Resonance Microwave Discharges for Etching and Thin-Film Deposition", Journal of Vacuum Science and Technology, Part A, American Institute of Physics, NY, US, vol. 7, no. 3I, 1 May 1989, pages 883-893, XP000049613.	
		LIPP S ET AL: "Local Material Removal by Focused Ion Beam Milling and Etching", Nuclear Instruments & Methods in Physics Research, Section B, Beam Interactions with Materials and Atoms, North-Holland Publishing Company, Amsterdam, NL, vol. 106, no. 1, 1 December 1995, pages 630-635, XP004001886.	
		MATSUSHITA K. ET AL: "15.4 Ion Beam Milling and Sputter Etching of INP", Properties of Indium Phosphide, Inspec, London, GB, no. 6, 1991, pages 346-349, XP000878733.	
		VERDONCK P. ET AL: "Reactive Ion Etching and Plasma Etching of Tungsten", Microelectronic Engineering, Elsevier Publishers BV., Amsterdam, NL, vol. 21, no. 1/4, 1 April 1993, pages 329-332, XP000361102.	
		BIEGELSEN D. K. ET AL: "Simple Ion Milling Preparation of 111 Tungsten Tips", Applied Physics Letters, American Institute of Physics, NY, US, vol. 54, no. 13, 27 March 1989, pages 1223-1225, XP000111950.	
		"Etching, Electrochemical Machining and Chemical Milling", Surface Treatment Technology, Teddington, Middlesex, GB, No. 3, 1988 May/June, p. 1, XP000047655.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.